		Application No.	Applicant(s)
Notice of Allowability		09/840,588	WANG, GANG
		Examiner	Art Unit	
		Victor Lesniewski	2152	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the telephone interview conducted on 30 August 2006.*

2. ☒ The allowed claim(s) is/are *16-18*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *20060831* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER

ALLOWANCE

1.   In a telephonic interview on 8/30/2006, the applicant and the examiner have agreed on

amendments to the claims that will place them in condition for allowance. See the attached

interview summary for details of the interview.

2.   Claims 16-18 are to be amended herein by an examiner's amendment.

3.   Thus, claims 16-18 are allowed.

EXAMINER'S AMENDMENT

4.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to the applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given via telephone by Agent L. Alan

Collins, Reg. No. 57646, on 8/31/2006.

The application has been amended as follows:

In the claims:

Please replace all claims in the application with the "Listing of Claims" attached hereto.

Allowable Subject Matter

5.   The following is an examiner's statement of reasons for allowance:

Claim 16 distinguishes itself over the prior art by delineating a machine-readable storage

medium having stored thereon a repository data structure defined by a base class and a plurality

of derived classes wherein a base class defines an access point for dynamically discovering

information about associated computing devices on a network and derived classes define a

manner for presenting information, a query triggering event, etc. The base class is of type

management element and the derived classes are of type web element. Further, there may be

defined aggregate classes for elements having a parent and child relationship. With the

examiner's amendment, claim 16 now clearly and distinctly describes the important features of a

base class of type management element and a plurality of derived classes of type web element

and thus claim 16 now shows a patentable distinction over the prior art. Furthermore, the prior

art gives no indication that it would have been obvious to one of ordinary skill in the art at the

time of the applicant's invention to derive a repository data structure stored on a machine-

readable storage medium in the specific fashion presented in claim 16.

Claims 17 and 18 are allowed due to their dependence on claim 16.

Any comments considered necessary by the applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

6.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Victor Lesniewski whose telephone number is 571-272-3987.

The examiner can normally be reached on Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Victor Lesniewski
Patent Examiner
Group Art Unit 2152

BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER

Listing of Claims

16.   A machine-readable storage medium having stored thereon a repository data structure for storing data corresponding to a schema for defining relations between objects of a server computing device coupled by means of a network to a management computing device, said repository data structure derived from a compilation of a managed object format language rendering of the schema, said rendering including:

a) a base class of type management element from which a plurality of classes of type web element are derived, the base class of type management element providing at least one access point to instances of the derived classes, which can be traversed to dynamically discover information about one or more associated computing devices that satisfies one or more queries, based on one or more query triggering events defined in at least one on event class derived from the base class, the derived classes of type web element providing the information that satisfies the one or more queries;

b) a first derived class of the base class being at least two managed elements having one or more attributes comprising a display format attribute defining a manner for presenting information at one or more client devices which is obtained by an aggregator component on the management computing device via the at least one access point and a display name attribute that identifies the information to be presented at the one or more client devices; and

c) a second derived class of the base class being the at least one on event class that defines a source and result relationship between the at least two managed elements having at least one particular result object being provided for at least one particular source object based on the aggregator component requesting the information via the at least one access point.

17.   The repository data structure stored on the machine-readable storage medium of claim 16 additionally comprising a third derived class of the base class being an aggregate class that defines elements having a parent and child relation between instances of the derived classes of type web element.

18.   The repository data structure stored on the machine-readable storage medium of claim 16 wherein the first derived class further includes a datatype field and a data field and wherein one type of datatype causes the data in the data field to be interpreted as a SQL statement.